

Title (en)
AQUEOUS COATING COMPOSITIONS WITH DE MINIMIS VOLATILE EMISSIONS

Title (de)
WÄSSRIGE BESCHICHTUNGSZUSAMMENSETZUNG MIT GERINGFÜGIGEN FLÜCHTIGEN EMISSIONEN

Title (fr)
COMPOSITIONS DE REVÊTEMENT AQUEUSES PRÉSENTANT DES ÉMISSIONS VOLATILES MINIMES

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Abstract (en)
[origin: WO2010008713A1] The present invention relates to an aqueous coating composition comprising a treated latex polymer dispersion with less than about 50 ppm of unreacted monomers. The latex polymer dispersion can be treated by various means, including stripping and chasing, to remove unreacted monomers from the dispersion. Unreacted monomers significantly contribute to paint odor. In an innovative aspect of the present invention, the synergistic combination of the treated latex dispersion with pigments and other low or zero- VOC additives results in an aqueous coating composition with de minimis levels of volatile emissions, low odor, and paint performance comparable to premium latex paints.

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C08F 6/003 (2013.01 - EP US); **C09D 133/06** (2013.01 - EP US)

Citation (search report)
• [A] HAY J N ET AL: "Review Environmentally friendly coatings using carbon dioxide as the carrier medium", JOURNAL OF MATERIALS SCIENCE, KLUWER ACADEMIC PUBLISHERS, BO, vol. 37, no. 22, 1 November 2002 (2002-11-01), pages 4743 - 4752, XP019209737, ISSN: 1573-4803, DOI: 10.1023/A:1020874532674
• See references of WO 2010008713A1

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